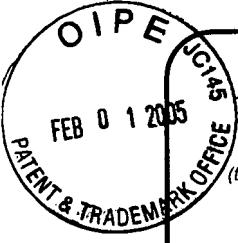


AF/2884

PTO/B/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

09/827,820

Filing Date

04/06/2001

First Named Inventor

Kiichirou Wakamatsu

Art Unit

2684

Examiner Name

Raymond S. Dean

ENCLOSURES (check all that apply)

Fee Transmittal Form

Drawing(s)

After Allowance Communication to Technology Center (TC)

Fee Attached

Licensing-related Papers

Appeal Communication to Board of Appeals and Interferences

Amendment / Reply

Petition

Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

After Final

Petition to Convert to a Provisional Application

Proprietary Information

Affidavits/declaration(s)

Power of Attorney, Revocation Change of Correspondence Address

Status Letter

Extension of Time Request

Terminal Disclaimer

Other Enclosure(s) (please identify below):

Express Abandonment Request

Request for Refund

Verified Translation of Priority Document, Form 1449, Cited References and Return Receipt Postcard

Information Disclosure Statement

CD, Number of CD(s) _____

Certified Copy of Priority Document(s)

Remarks

The Commissioner is hereby authorized to charge any additional fees that may be required under 37 CFR 1.16 or 1.17 to Deposit Account No. 08-0750.

Response to Missing Parts/ Incomplete Application

Response to Missing Parts under 37 CFR 1.52 or 1.53

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|-------------------------|----------------------------------|-------------------------------------|--------------------|
| Firm or Individual name | Harness, Dickey & Pierce, P.L.C. | Attorney Name Michael J. Schmidt | Reg. No. 34,007 |
| Signature | | | |
| Date | February 1, 2005 | | |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

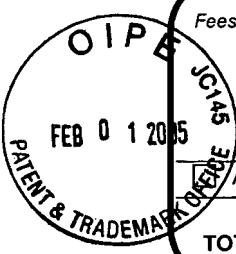
| | | | |
|-----------------------|--------------------|------------------------|------------------------------|
| Typed or printed name | Michael J. Schmidt | Express Mail Label No. | EV 570 163 035 US (2/1/2005) |
| Signature | | Date | February 1, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EV 570 163 035 US

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL for FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1700)

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | 09/827,820 |
| Filing Date | 04/06/2001 |
| First Named Inventor | Kiichirou Wakamatsu |
| Examiner Name | Raymond S. Dean |
| Art Unit | 2684 |
| Attorney Docket No. | 4041O-000014 |

METHOD OF PAYMENT (check all that apply)

- Check Credit Card Money Order None Other (please identify) : _____
- Deposit Account Deposit Account Number: 08-0750 Deposit Account Name: Harness, Dickey & Pierce, P.L.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
|------------------|-------------|--------------|-------------|--------------|------------------|--------------|----------------|
| | Fee (\$) | Small Entity | Fee (\$) | Small Entity | Fee (\$) | Small Entity | Fees Paid (\$) |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | _____ |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ |

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Total Claims | Extra Claims | Fee(\$) | Fee Paid (\$) | Small Entity |
|----------------------|--------------|---------|---------------|--------------|
| _____ - 20 or HP = 0 | x _____ | = 0 | 50 25 | 200 100 |

HP = highest number of total claims paid for, if greater than 20.

| Indep. Claims | Extra Claims | Fee(\$) | Fee Paid (\$) |
|---------------------|--------------|---------|---------------|
| _____ - 3 or HP = 0 | x _____ | = 0 | 360 180 |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| _____ - = 0 | / 50 = 0 | (round up to a whole number) x | = 0 | = 0 |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge) : Three Month Extension of Time \$1020; IDS \$180; Notice of Appeal \$500

Total Fees Paid (\$) _____

1700

SUBMITTED BY

| | | | | | |
|-------------------|--------------------|--------------------------------------|--------|-----------|------------------|
| Signature | | Registration No. (Attorney/Agent) | 34,007 | Telephone | (248) 641-1600 |
| Name (Print/Type) | Michael J. Schmidt | | | Date | February 1, 2005 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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